

FIG. 1

200

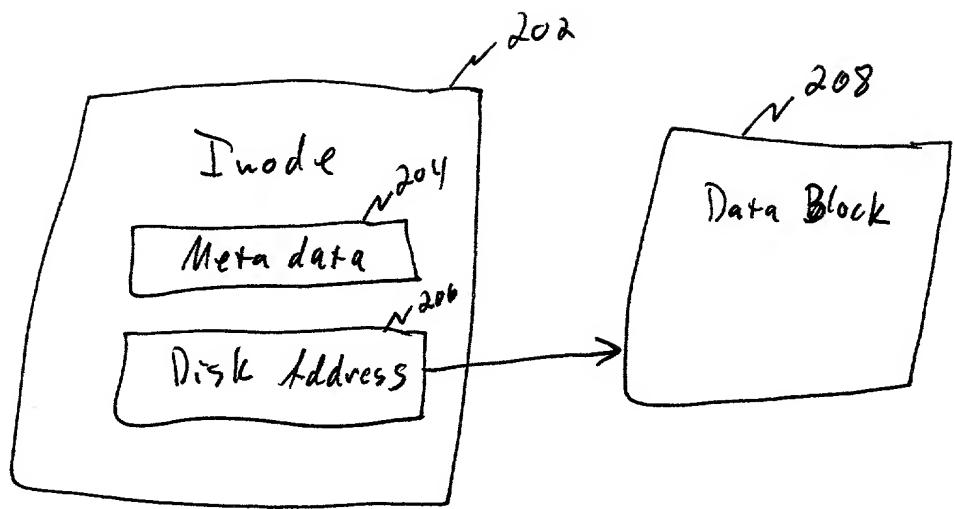


FIG. 24

250

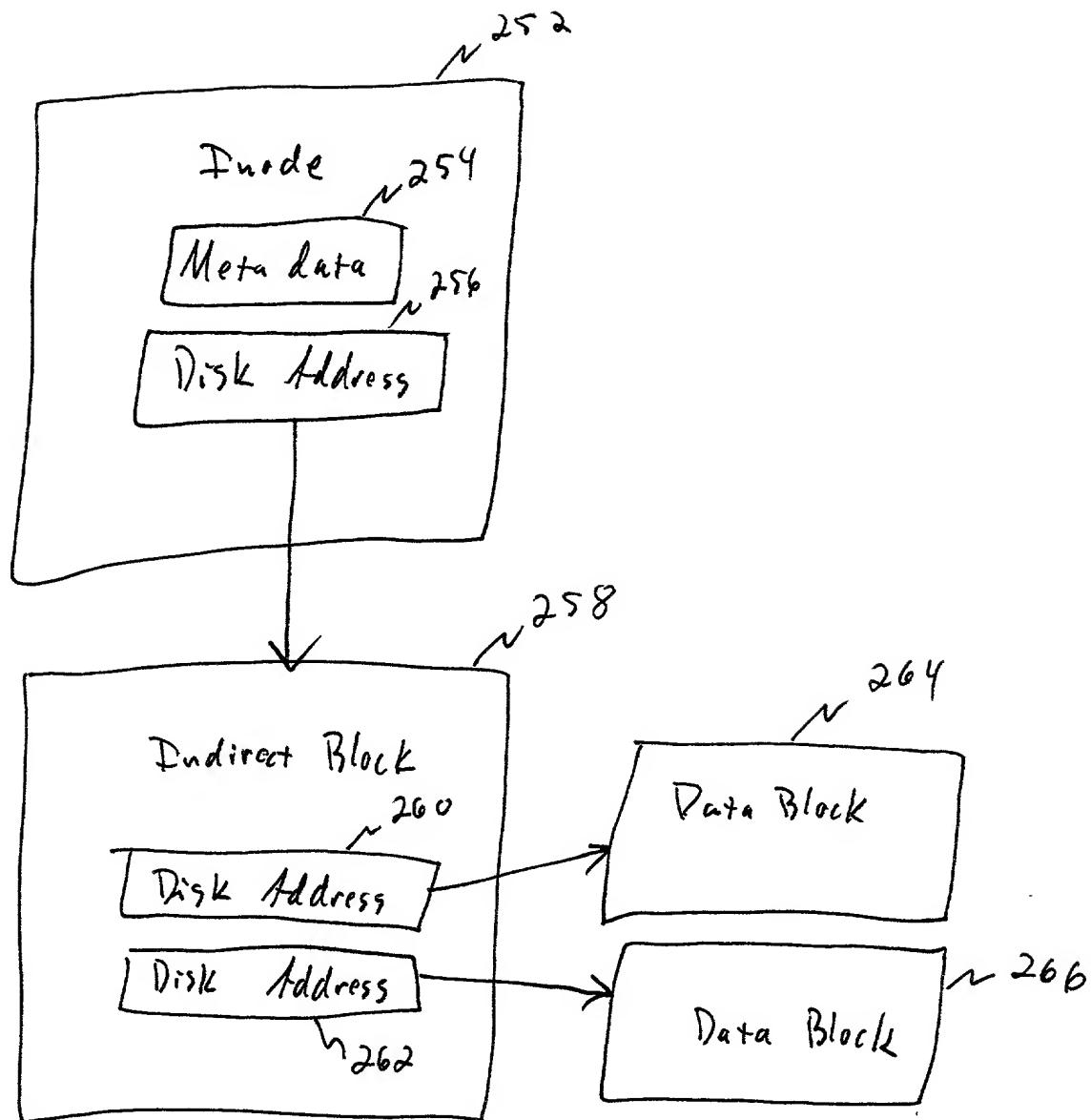


FIG. 2B

300

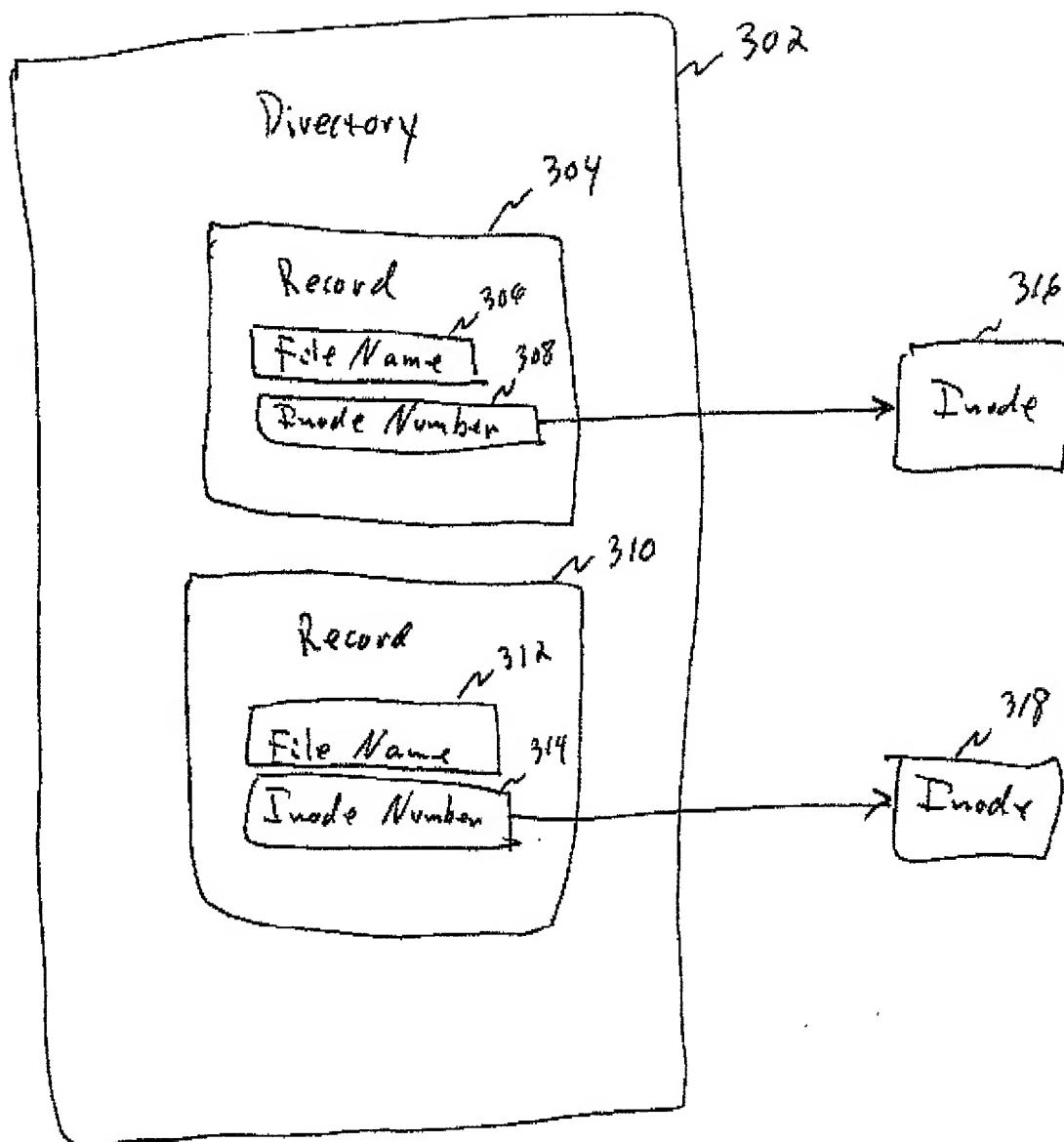


FIG. 3

400

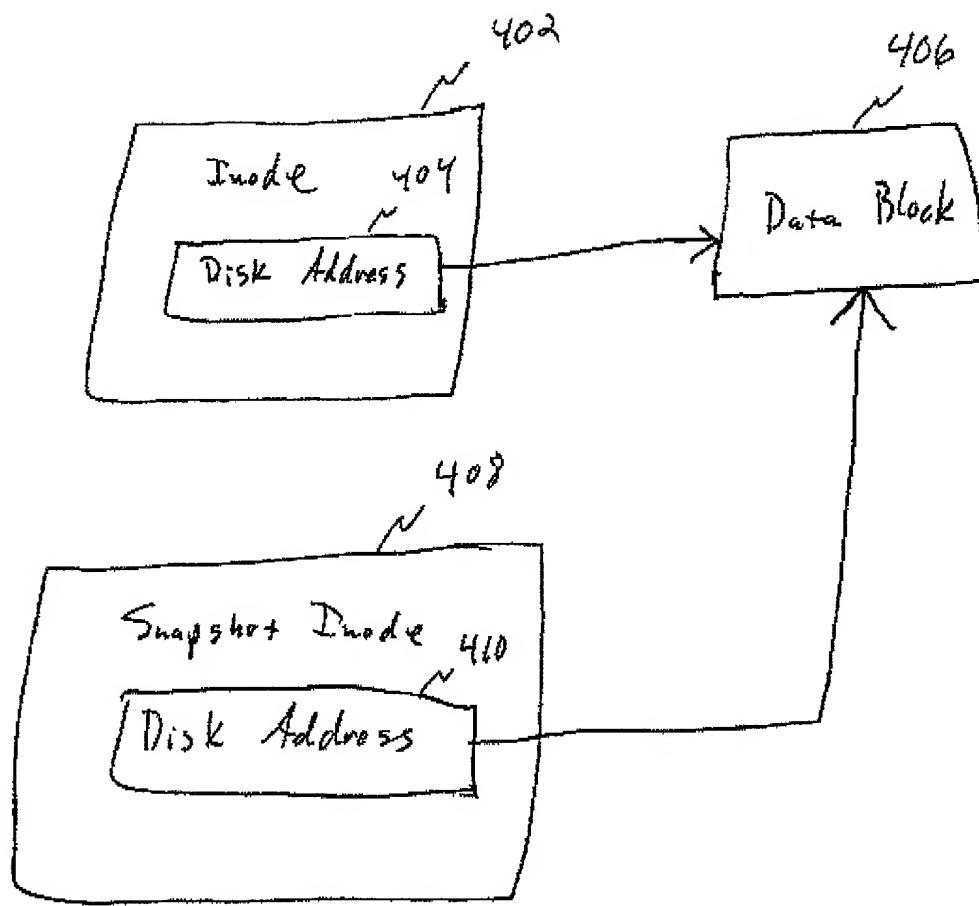


FIG. 4

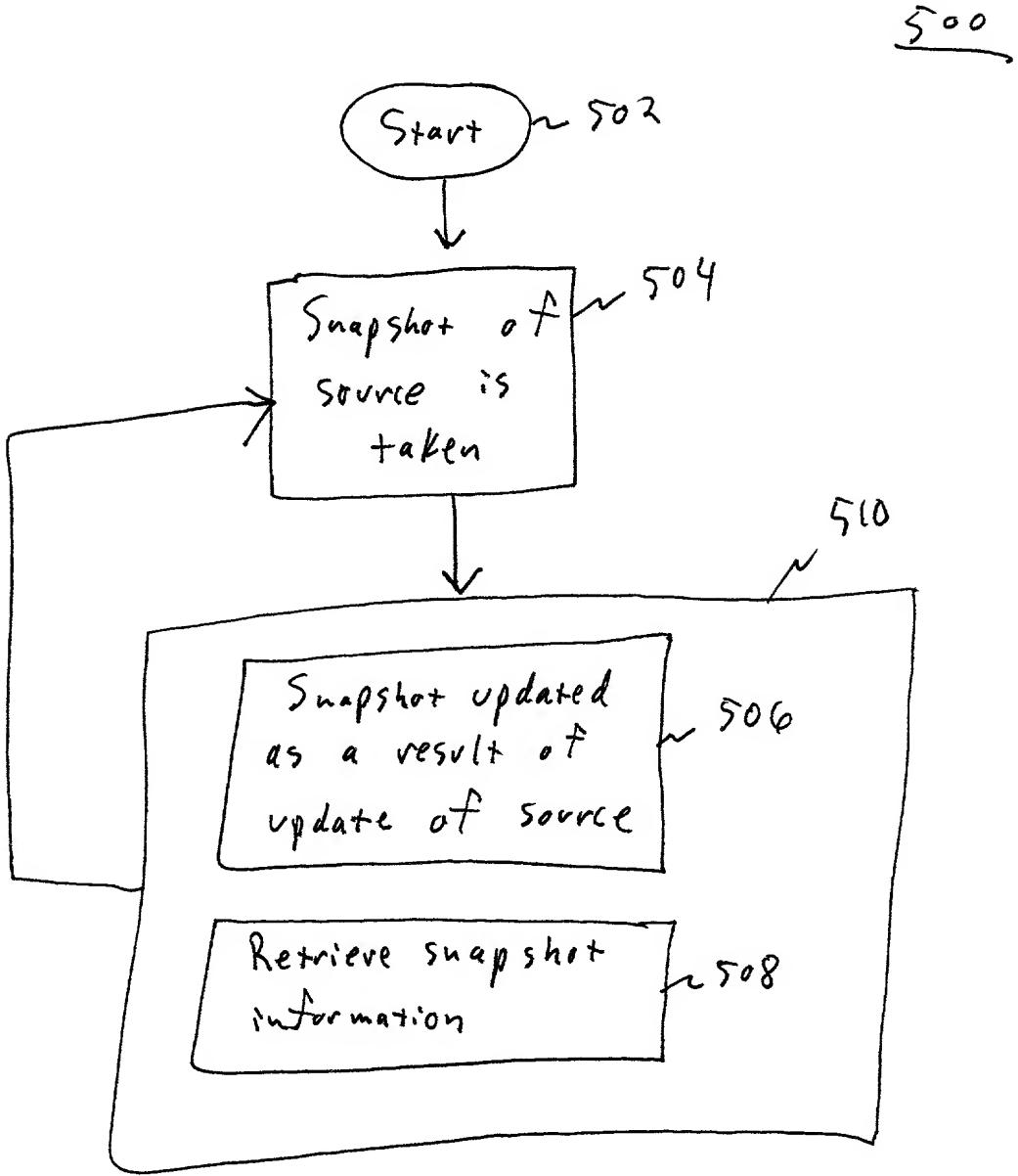


FIG. 5

6 00

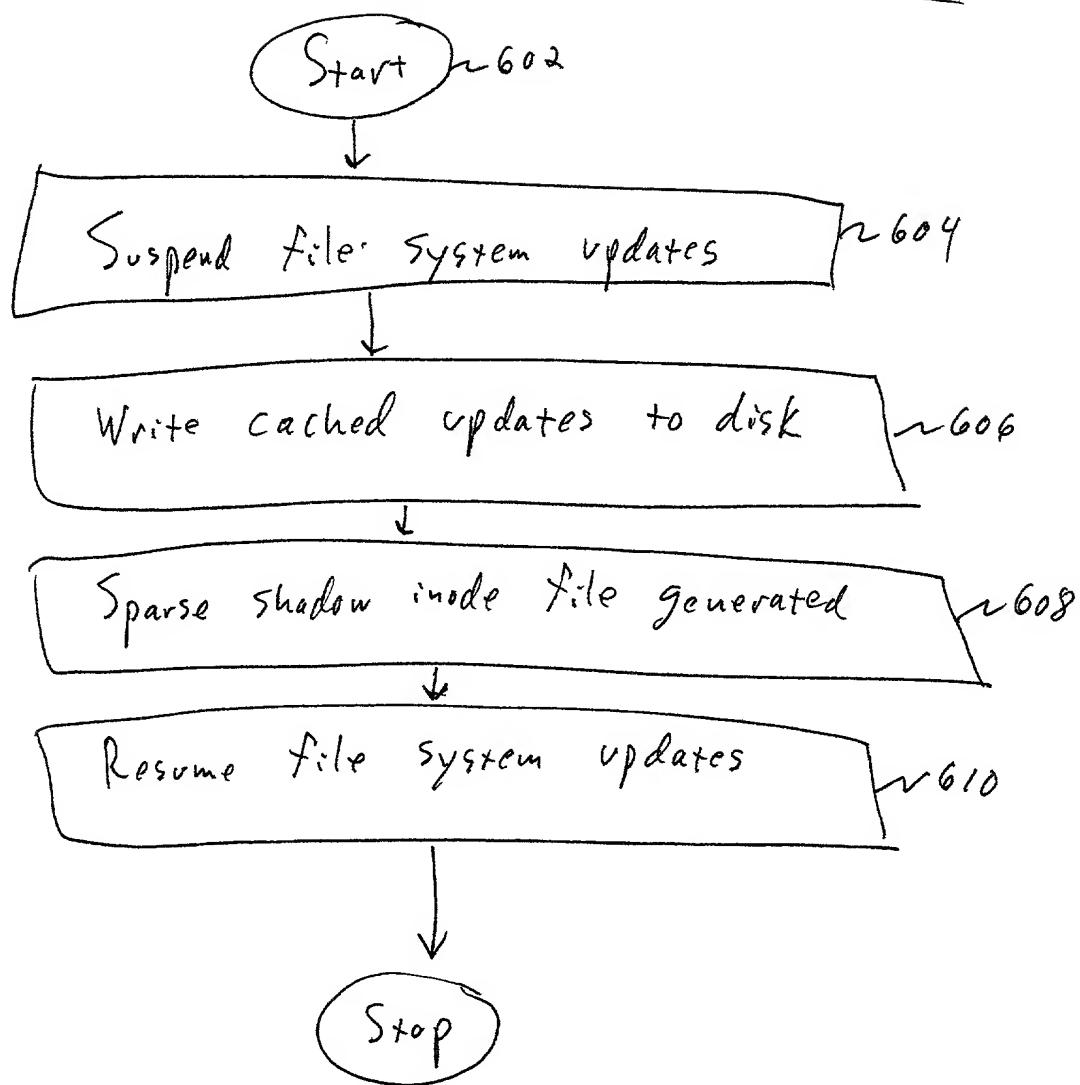
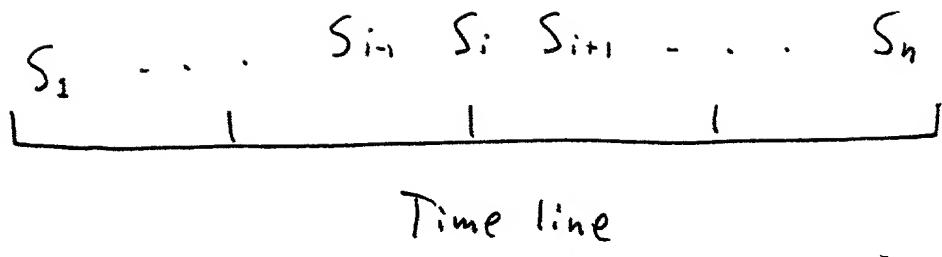


FIG. 6A

620



Time line

FIG. 6B

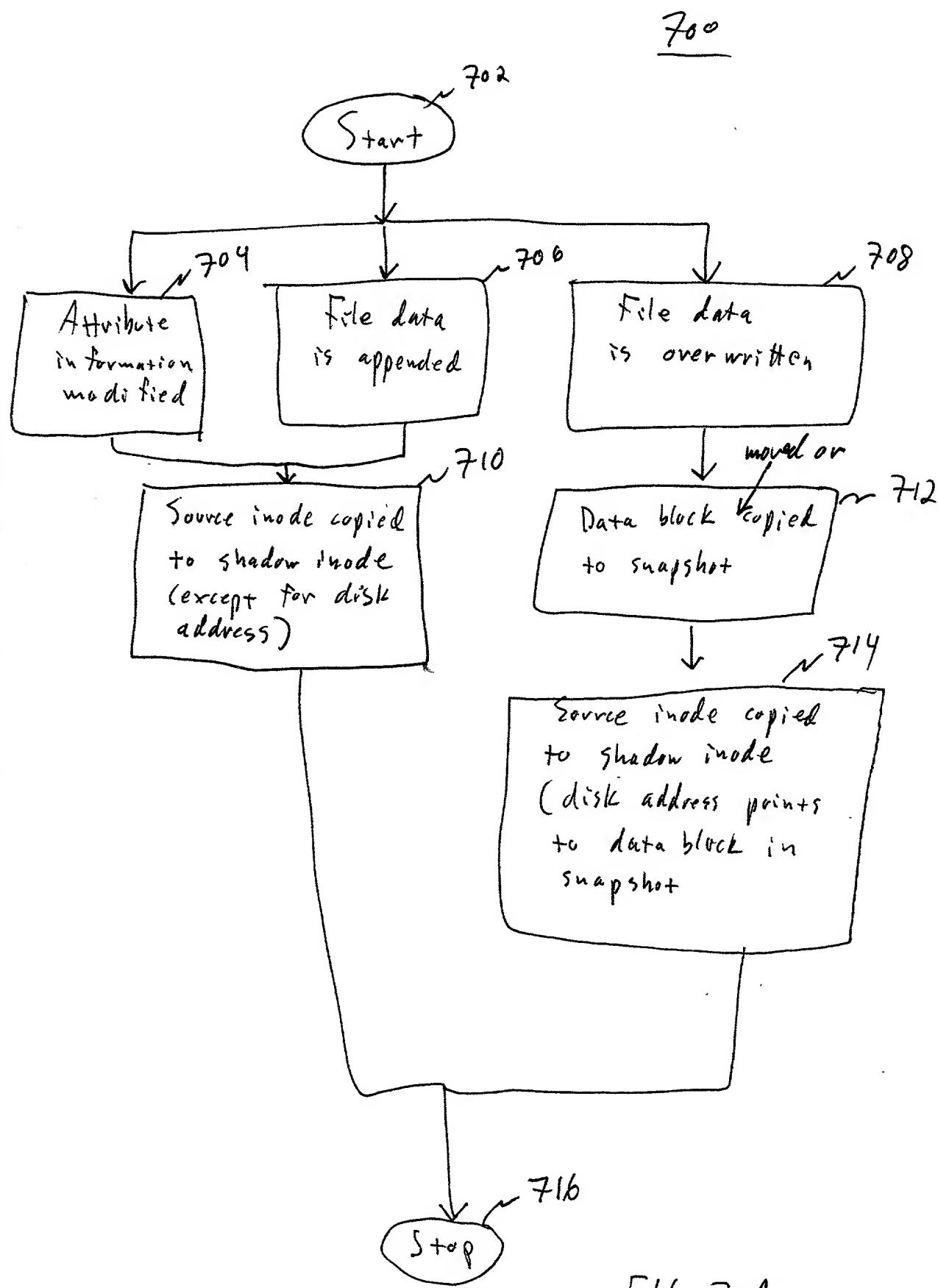
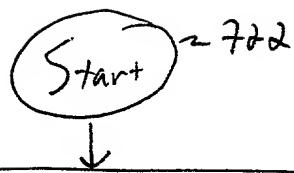


FIG. 7A

720



~722

~724

Resolve implied references in current snapshot
for data being modified in current snapshot

~726

Copy data associated with implied references into
current snapshot

~728

Resolve implied references in next oldest
snapshot for data being modified

~730

Copy data associated with implied references into
next oldest snapshot

~732

Modify data in current snapshot

~734



FIG. 7B

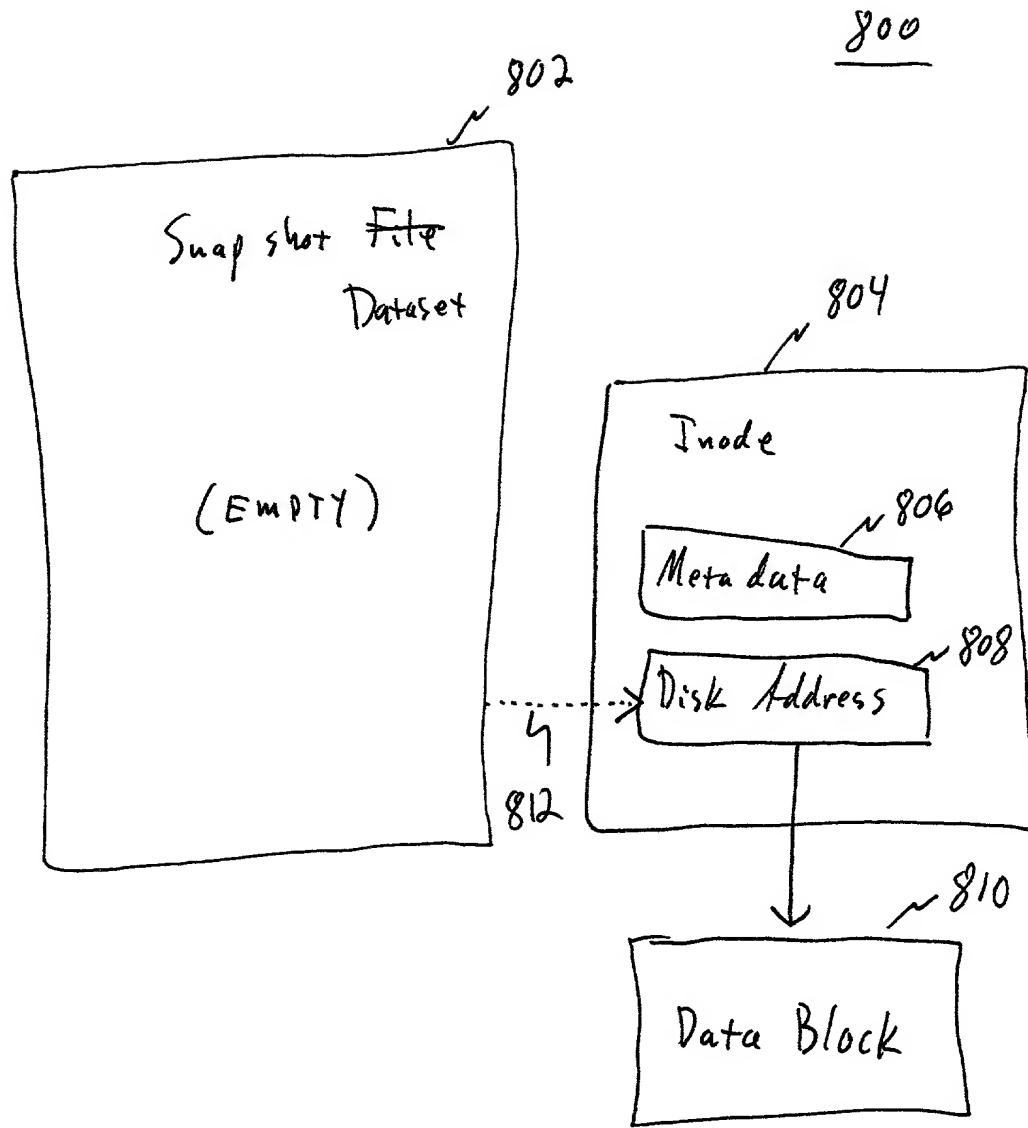


FIG. 8A

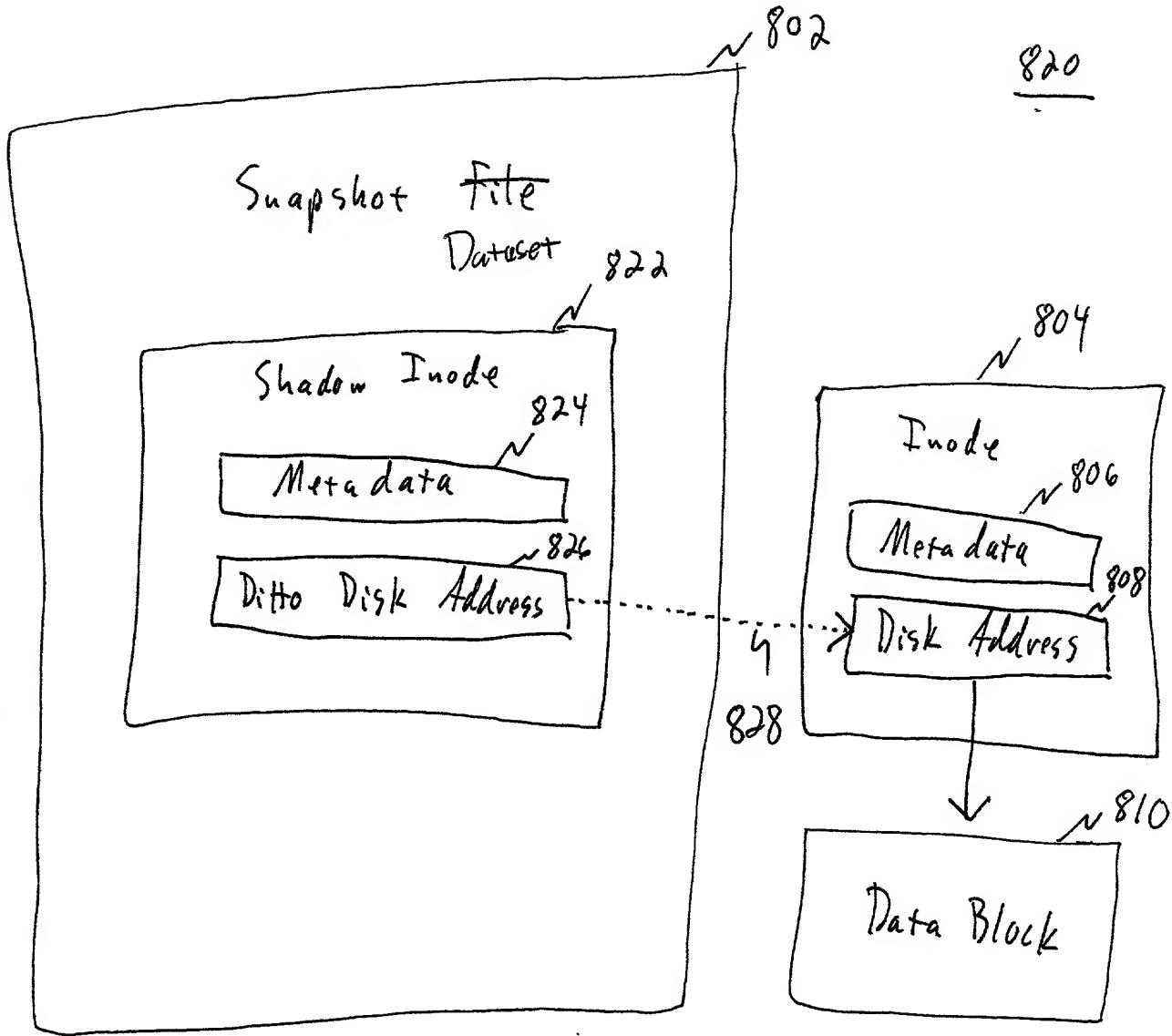


FIG. 8B

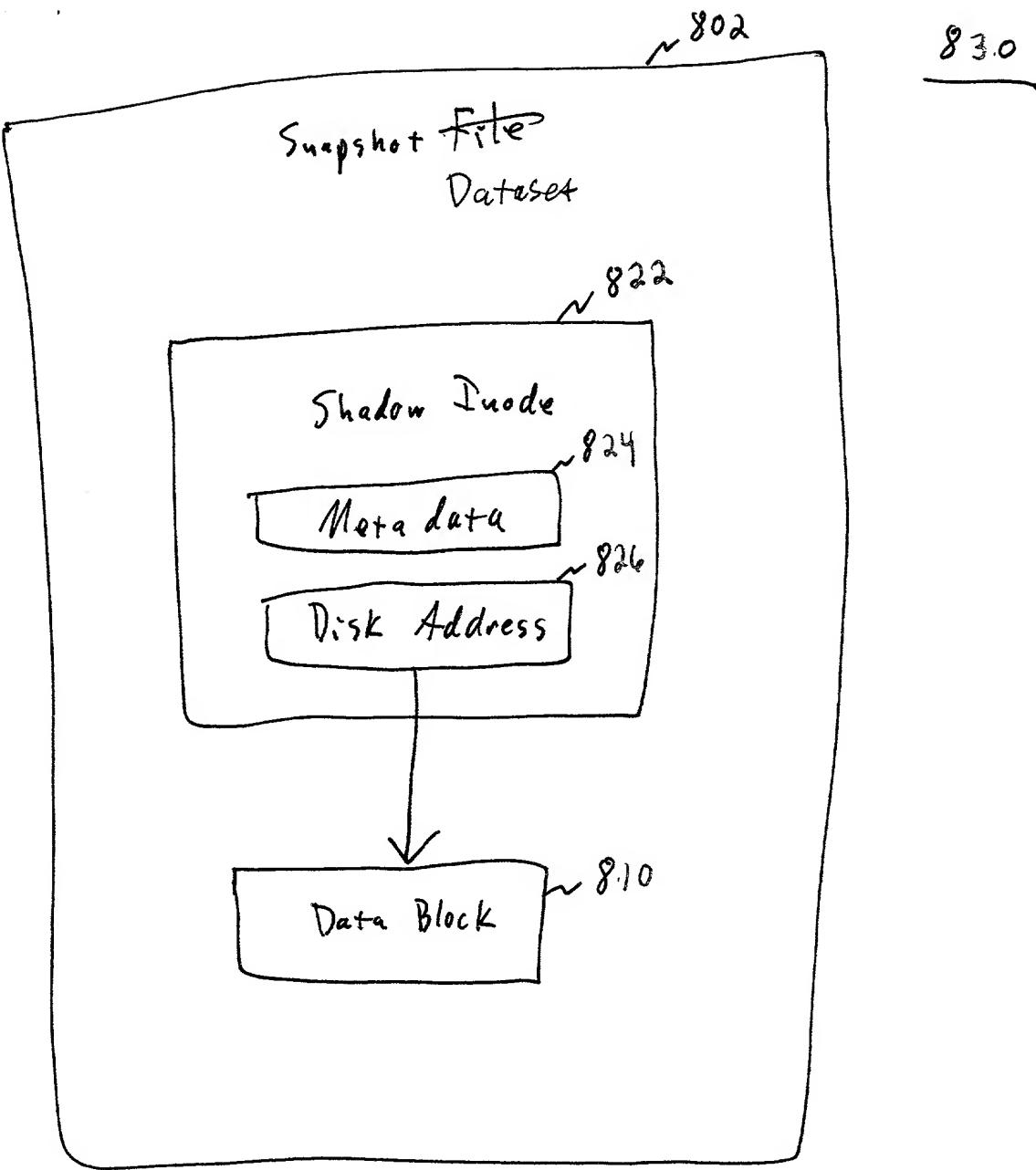
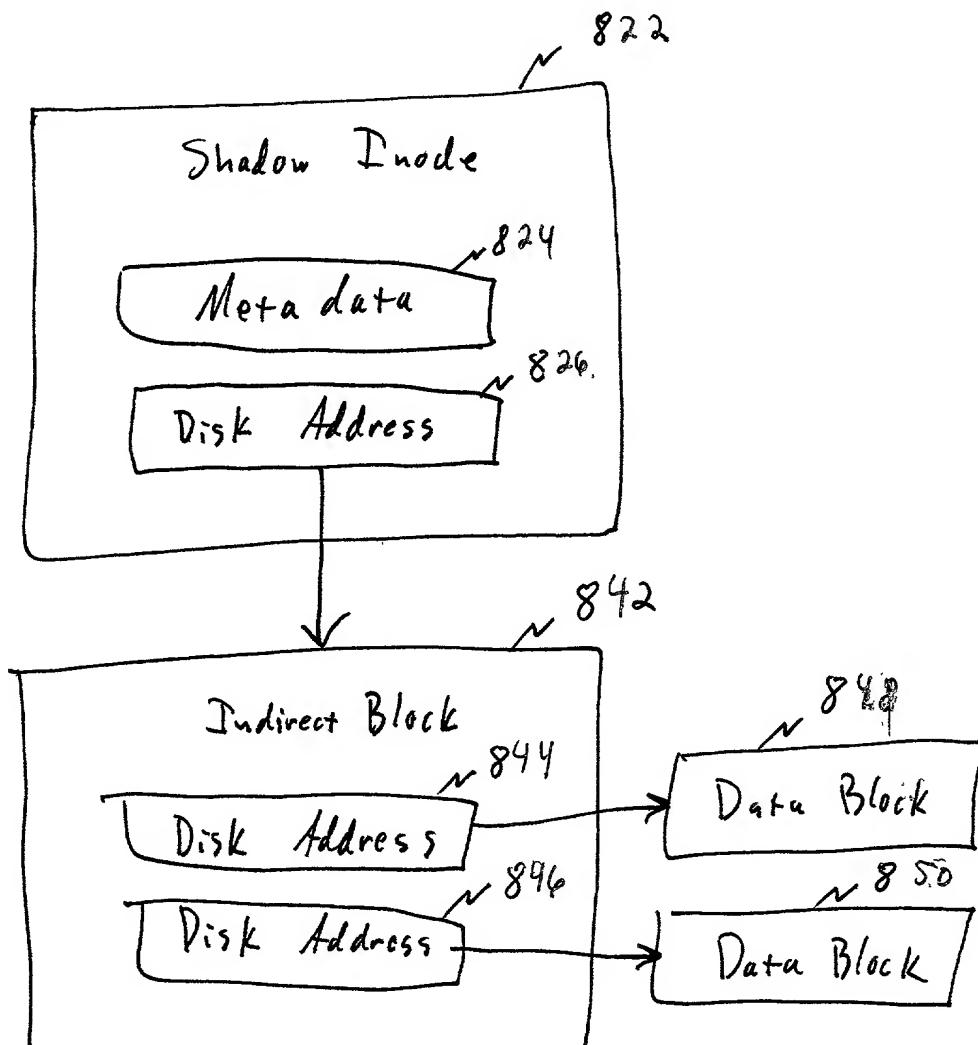


FIG. 8c

840

~802

Snapshot File Dataset



1007371 021502

FIG. 8D

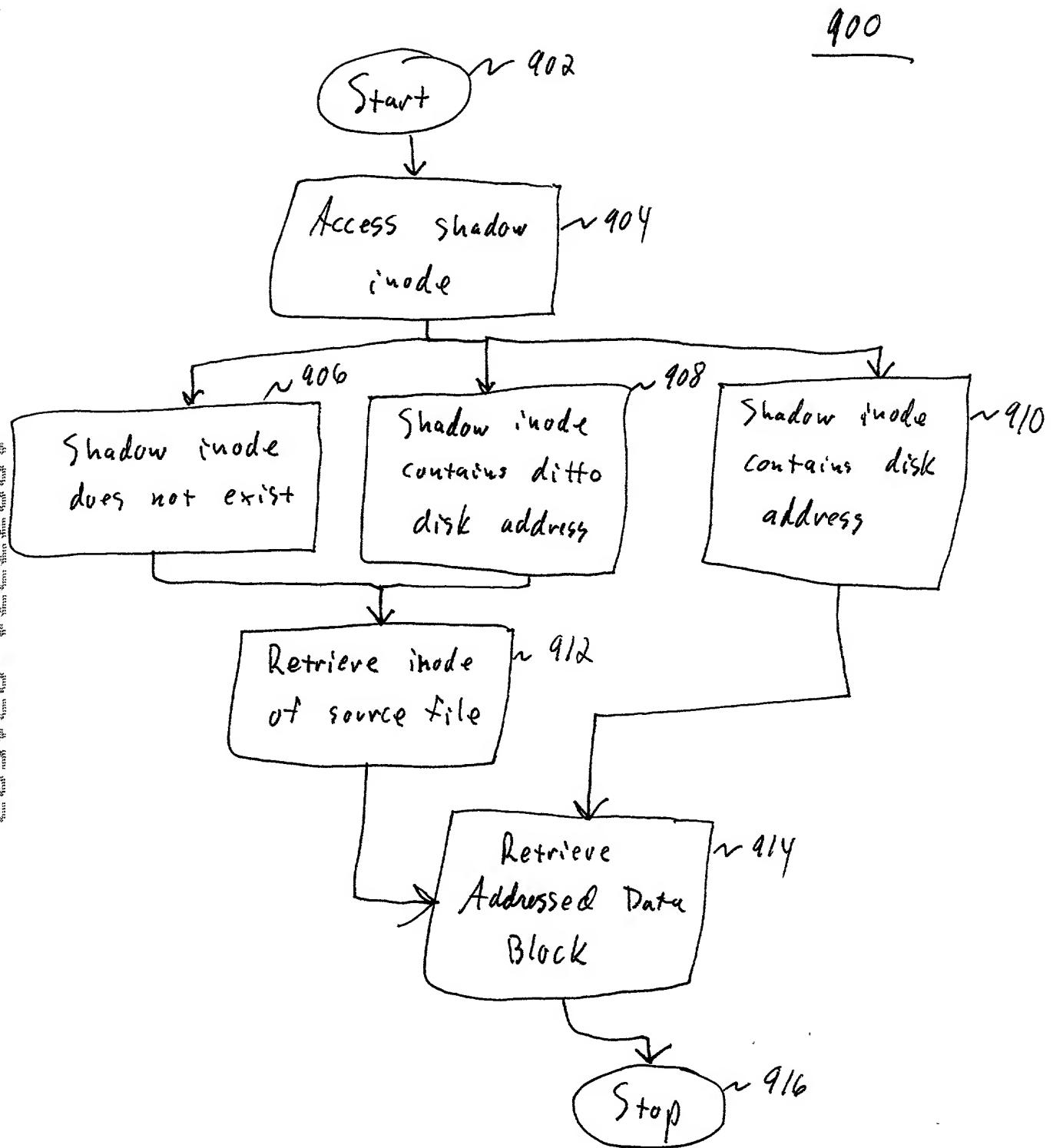


FIG. 9

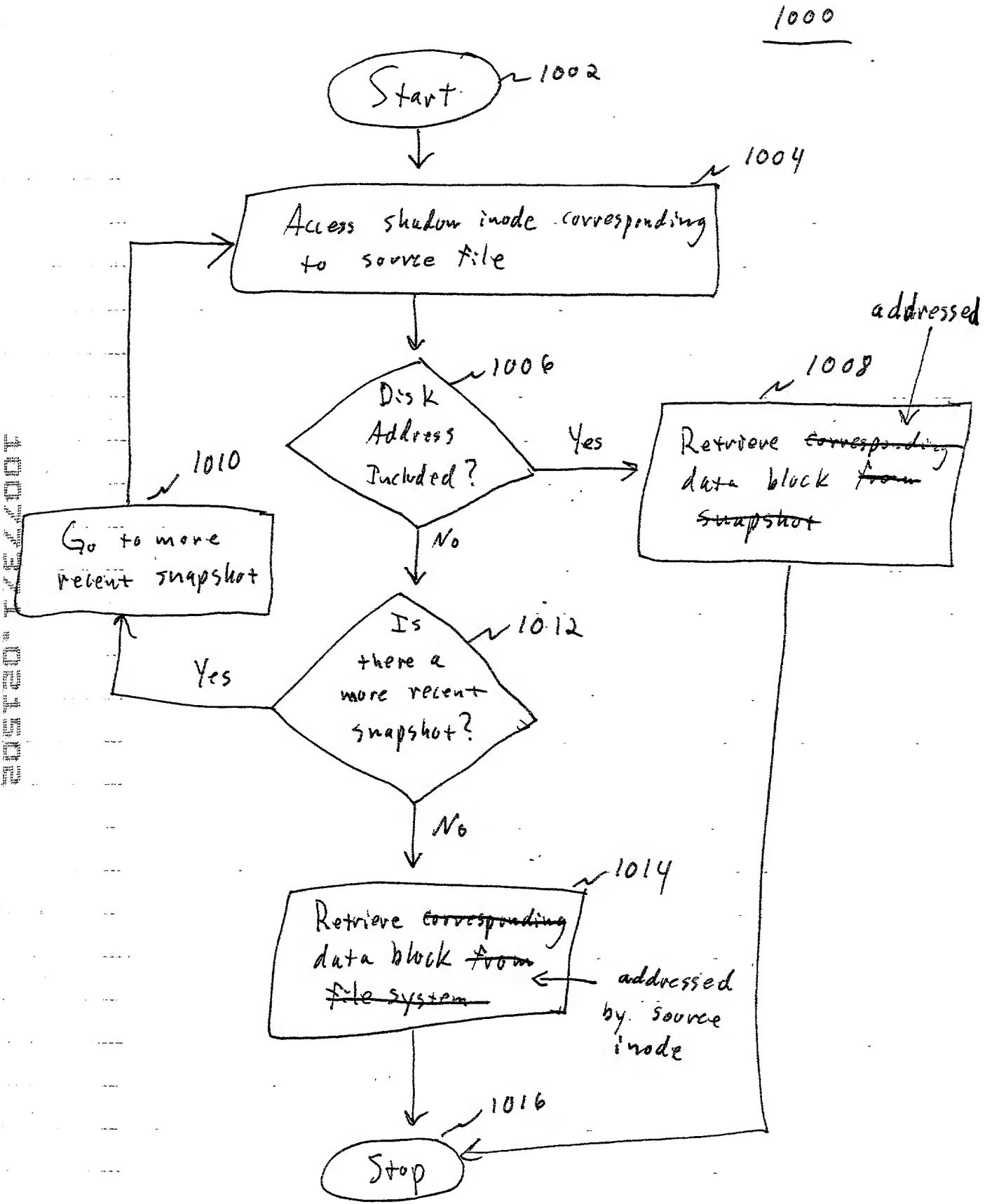


FIG. 10

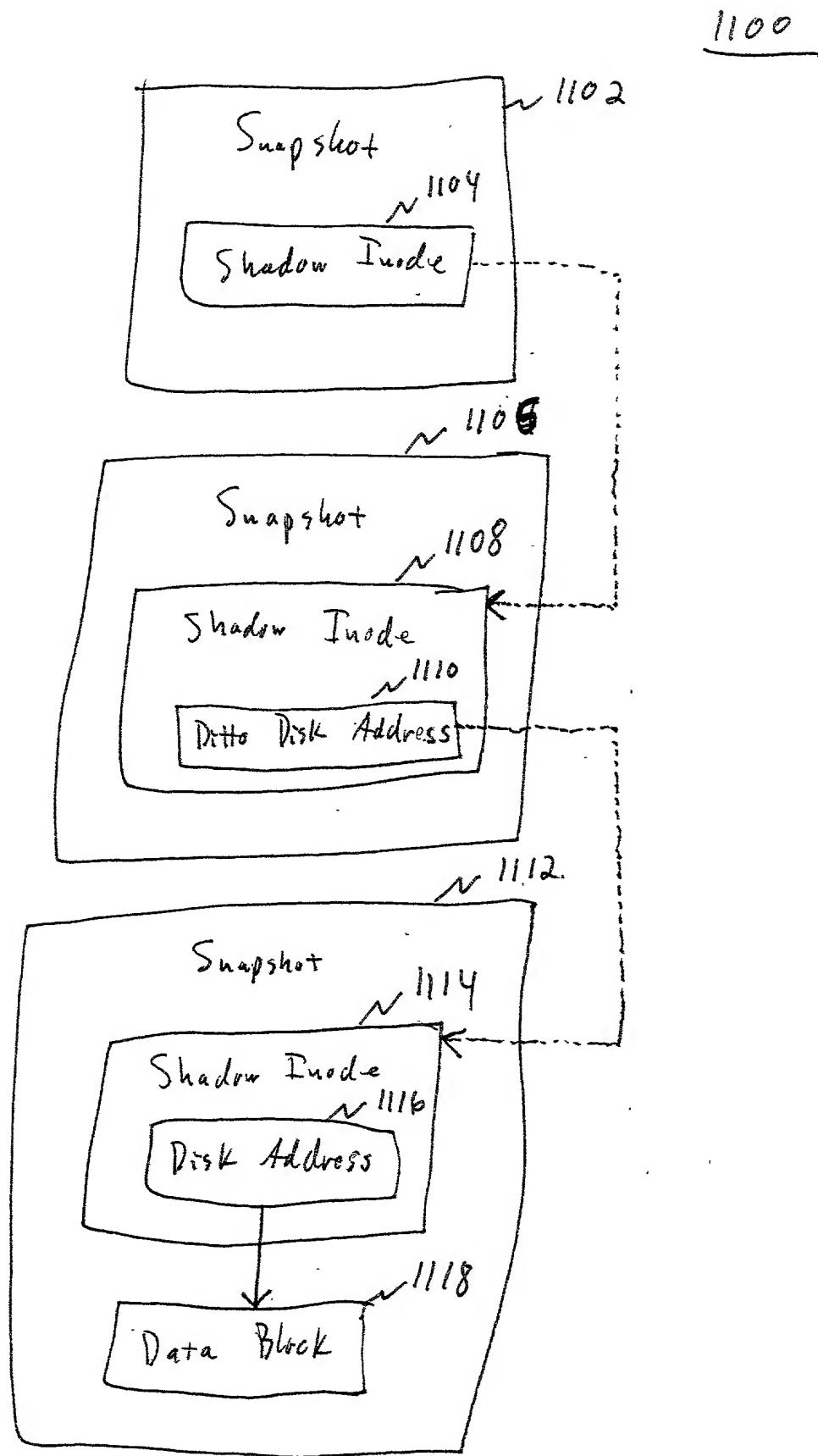


FIG. 11.

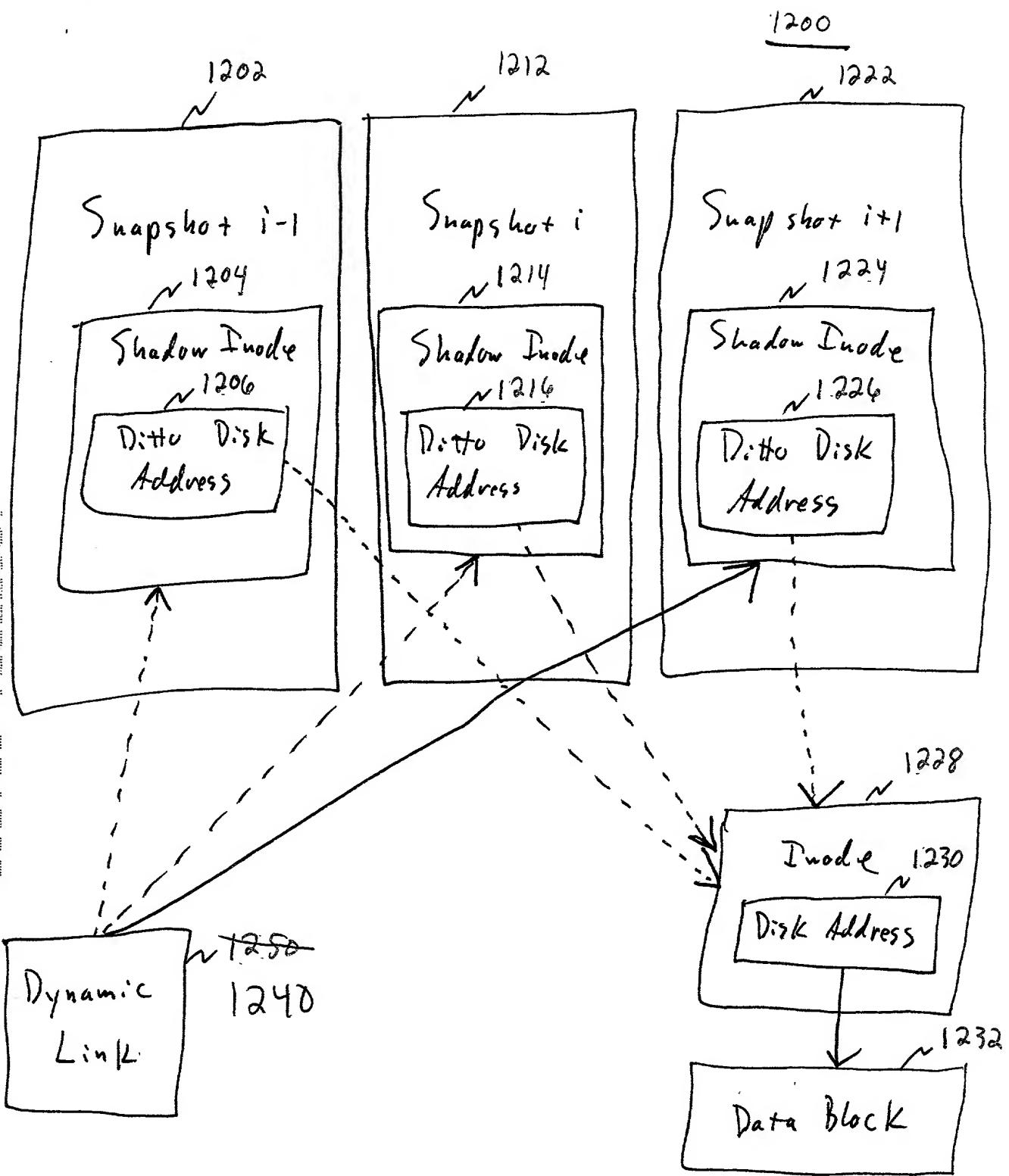


FIG. 12A

1250

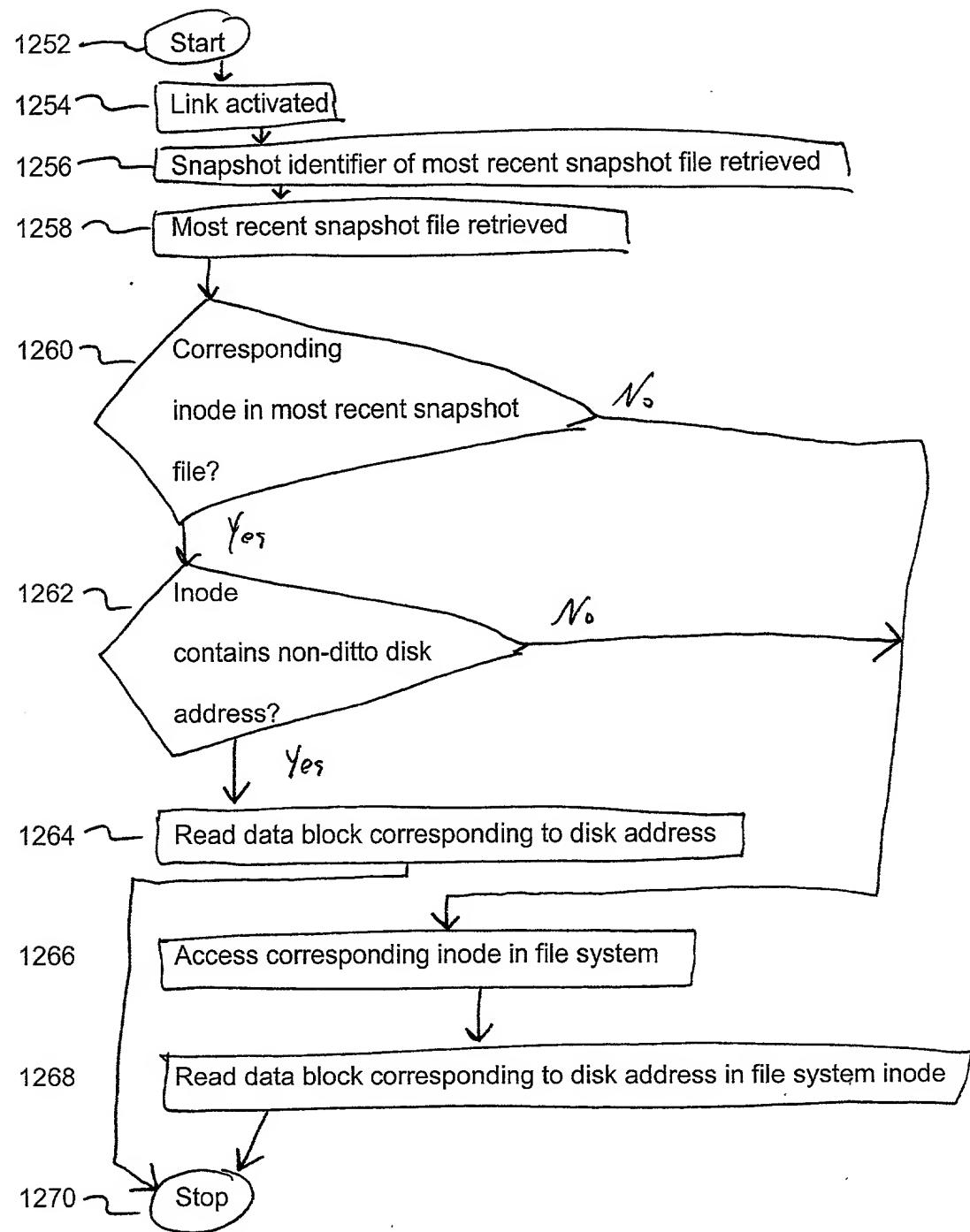


FIG 12B

1300

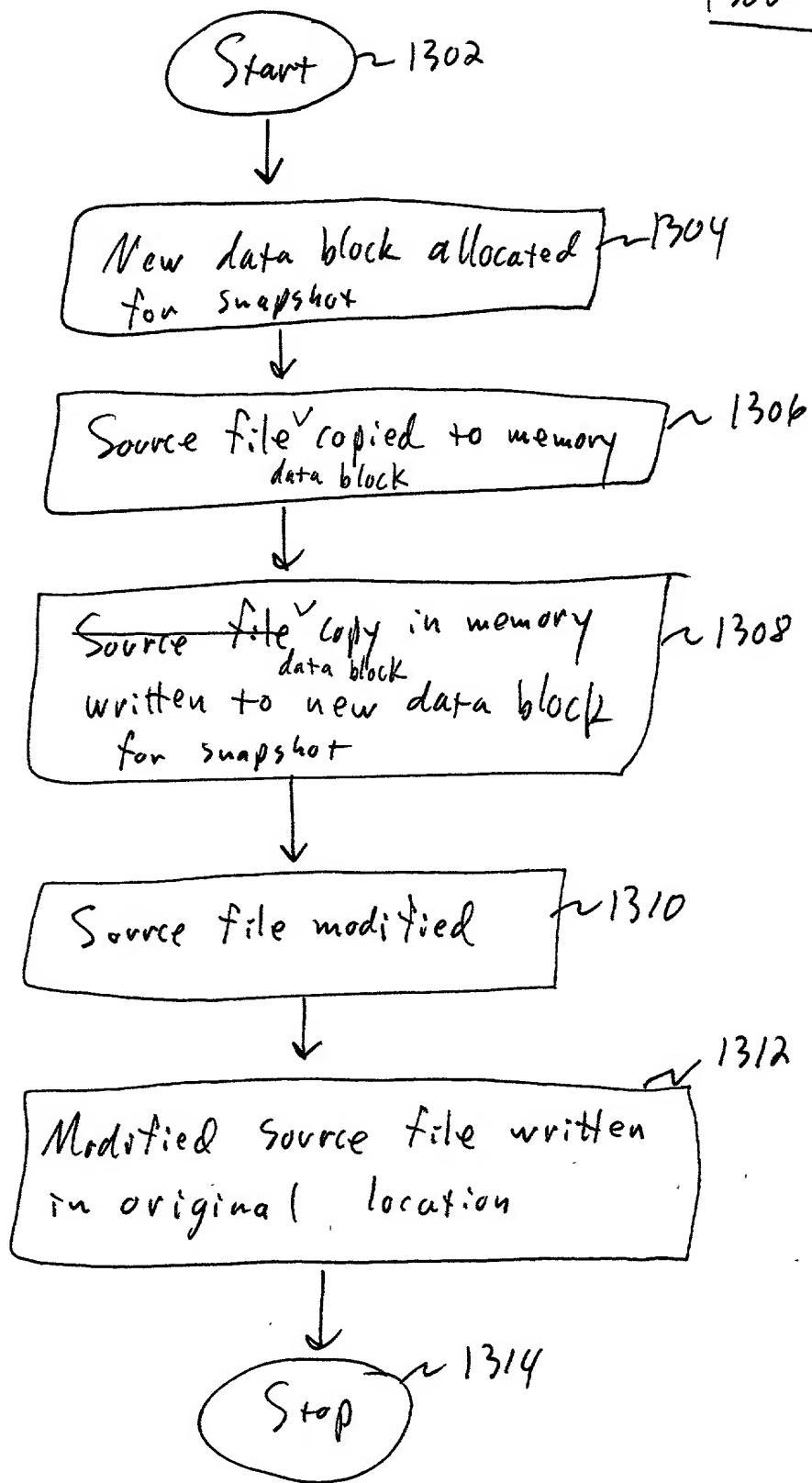


FIG. 13.4

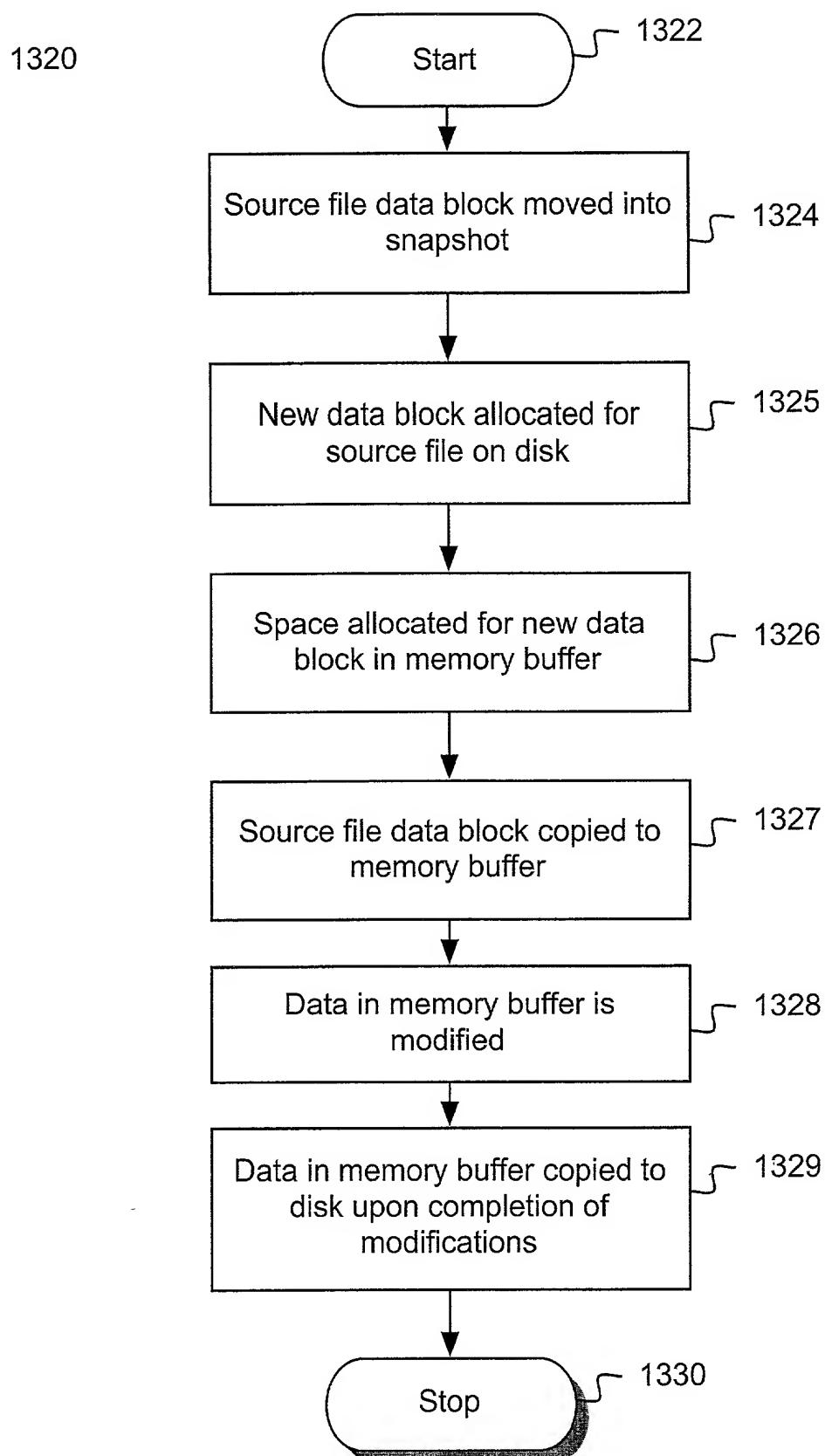


FIG 13B

#00077374 "021502

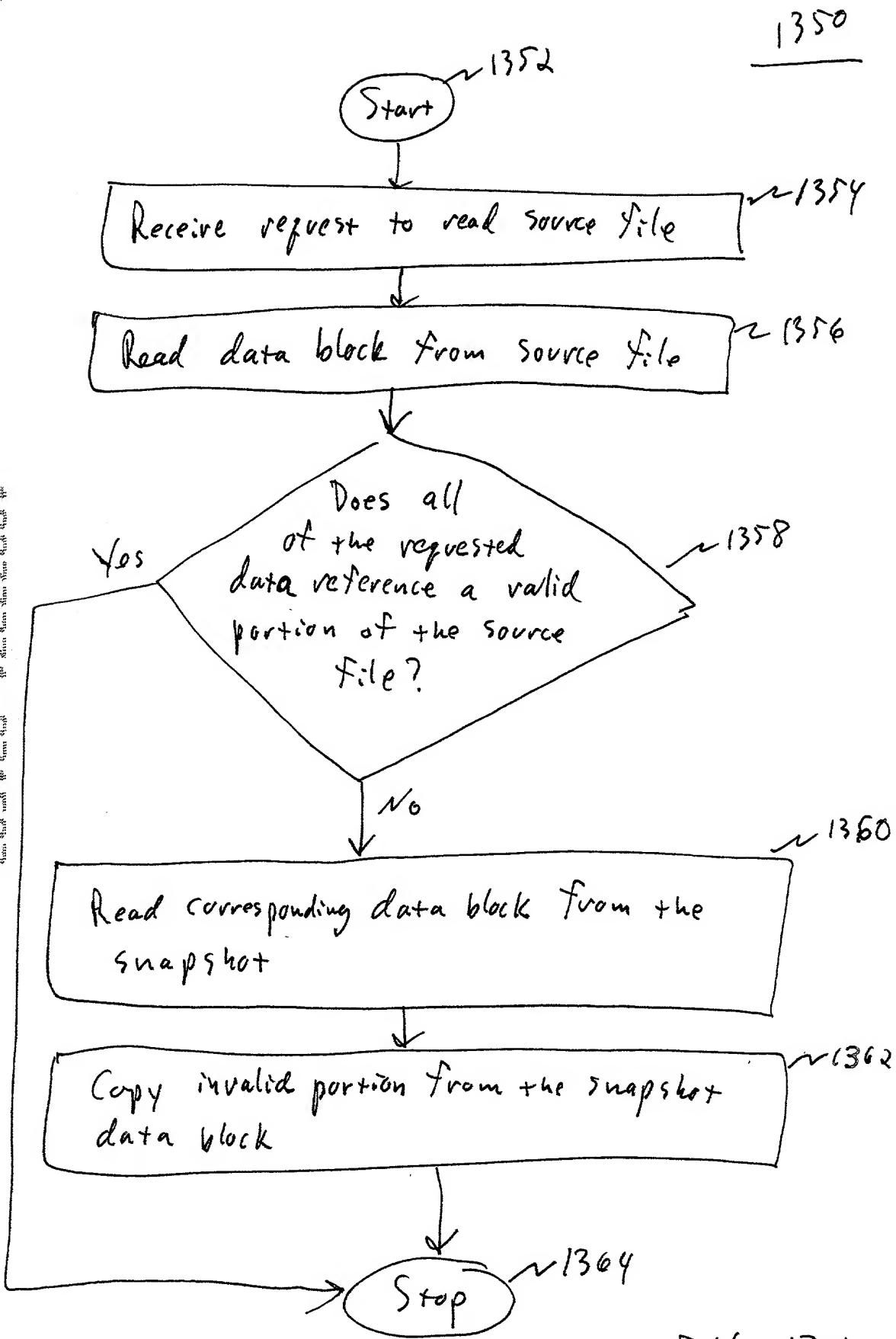


FIG. BC

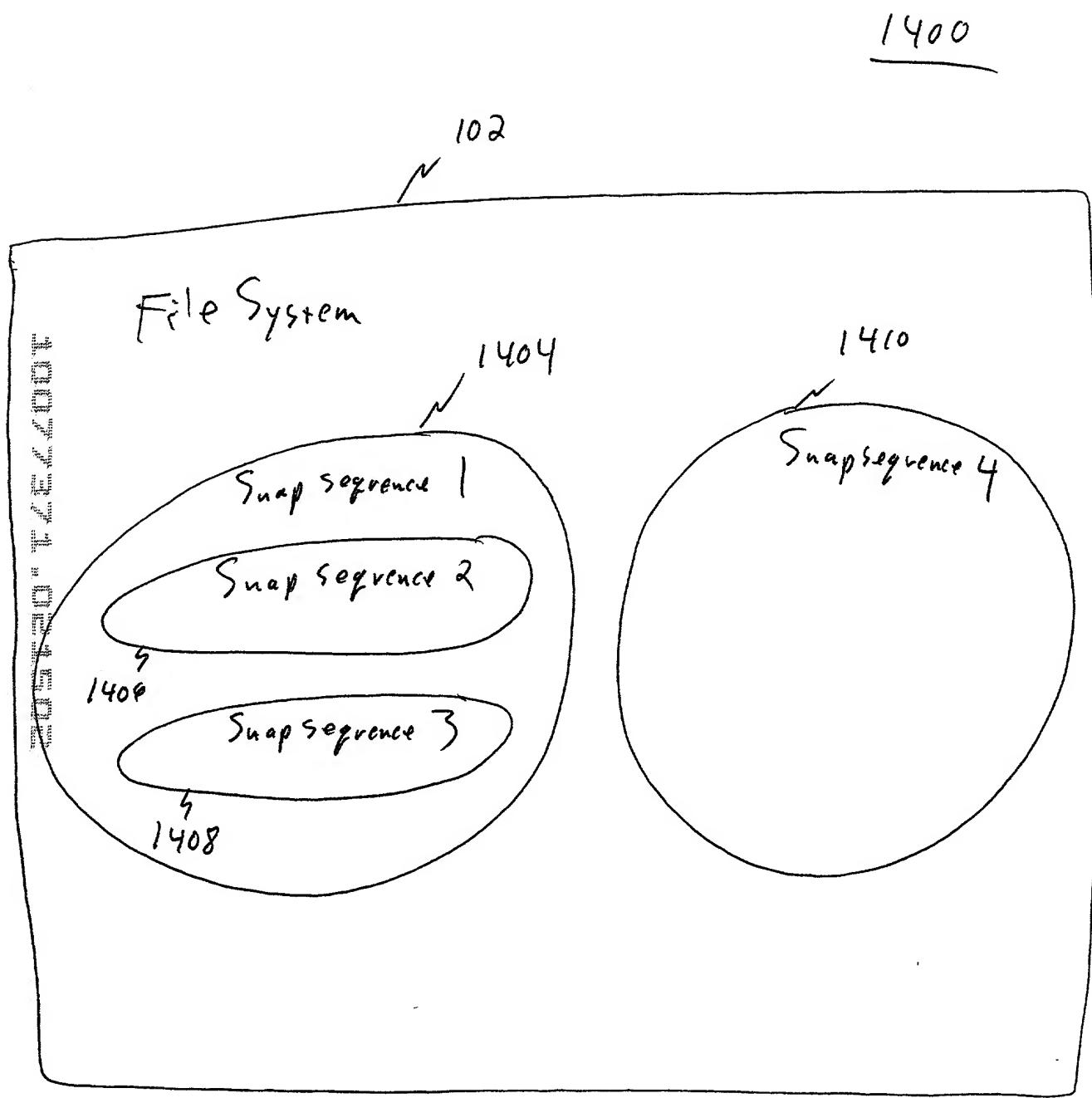


FIG. 14 A

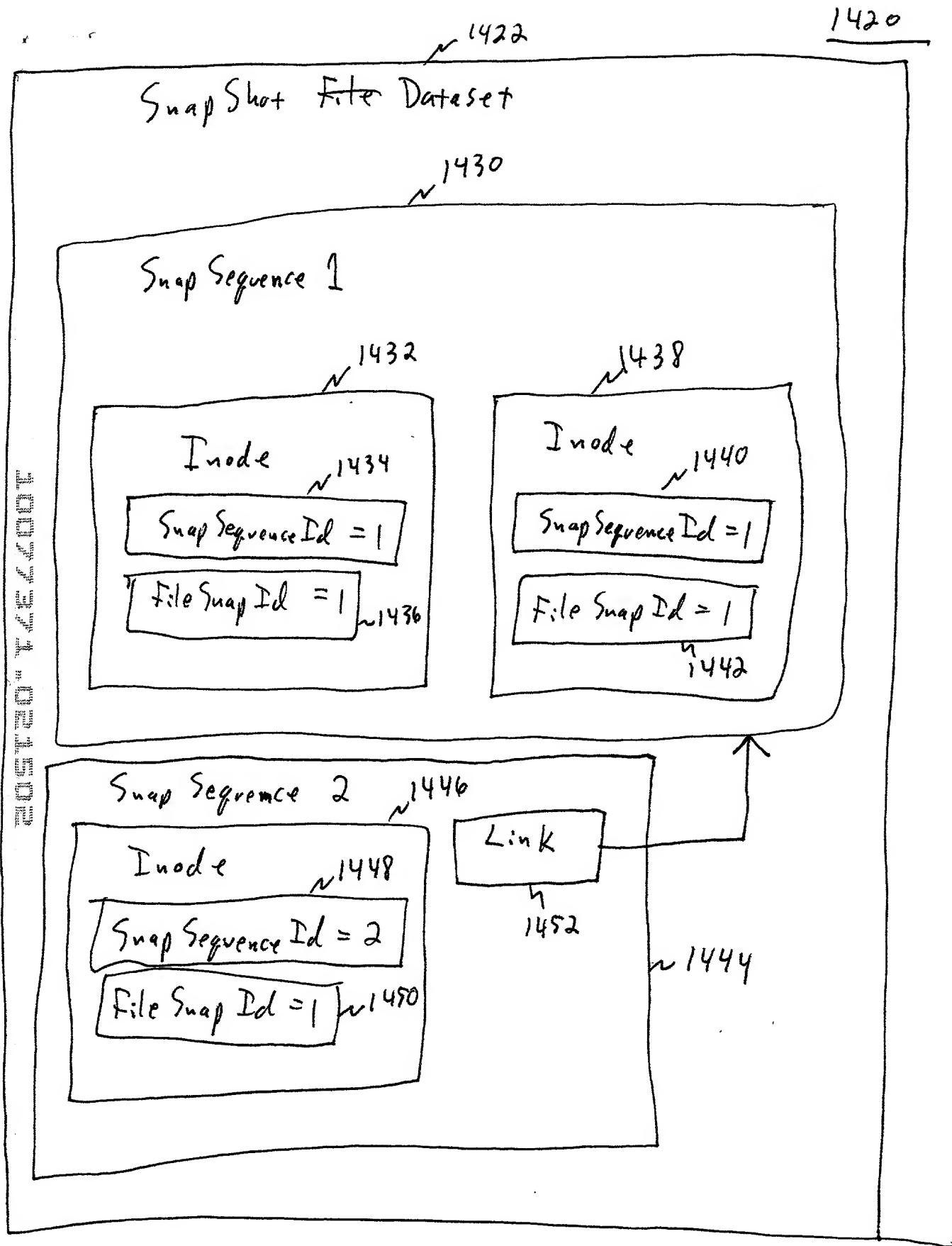


FIG. 14B

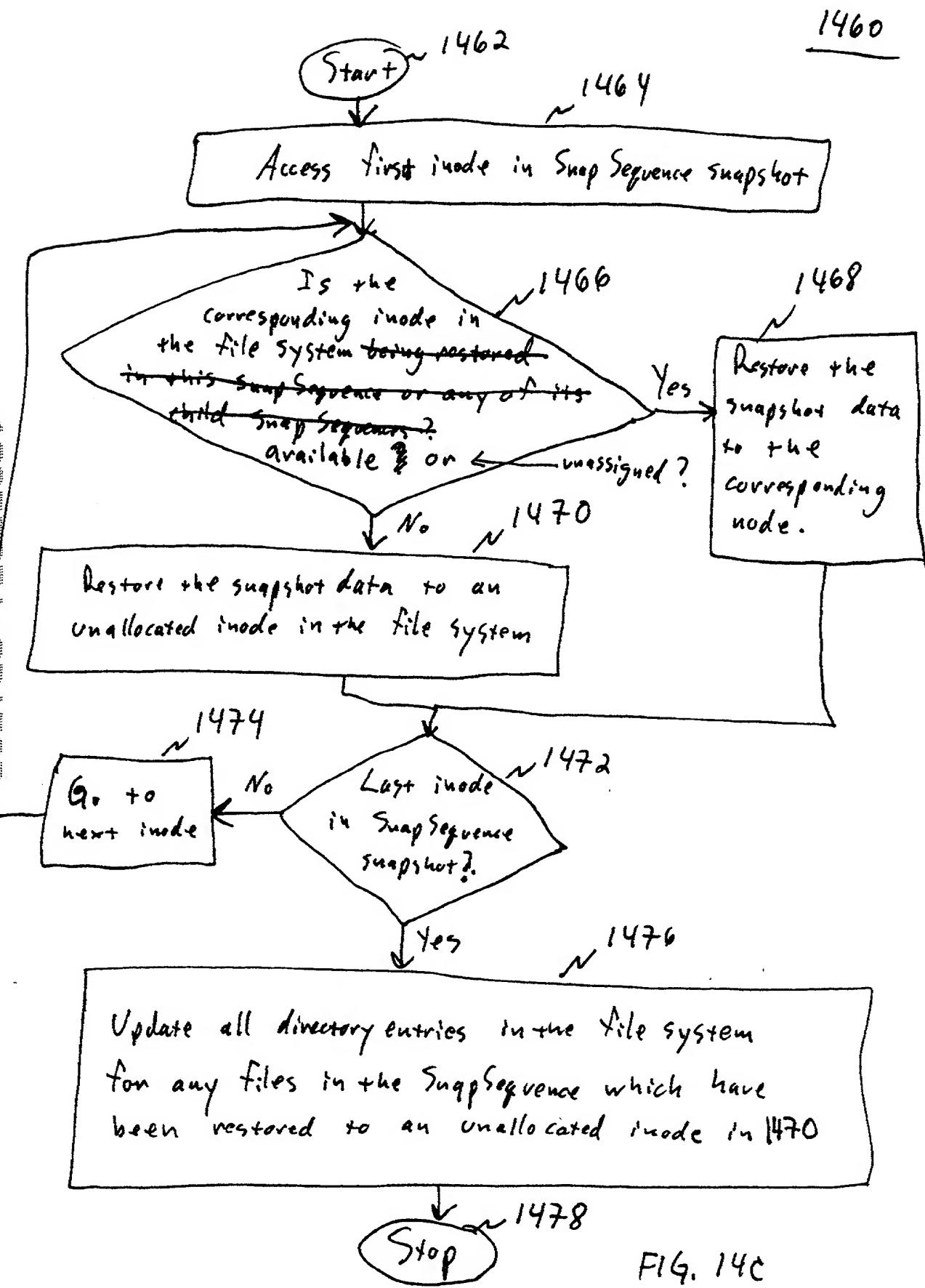


FIG. 14C

1500

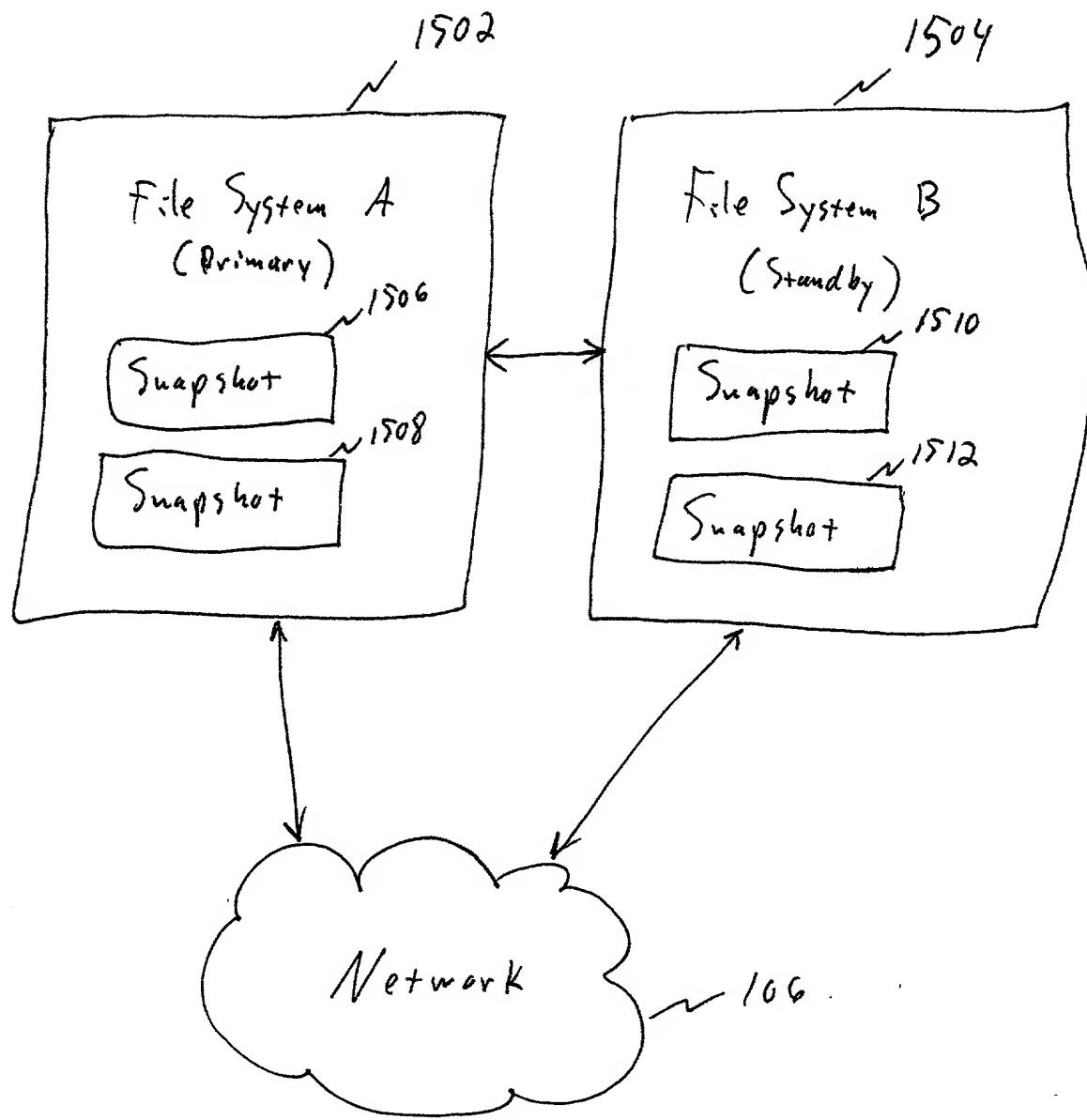


FIG. 15A

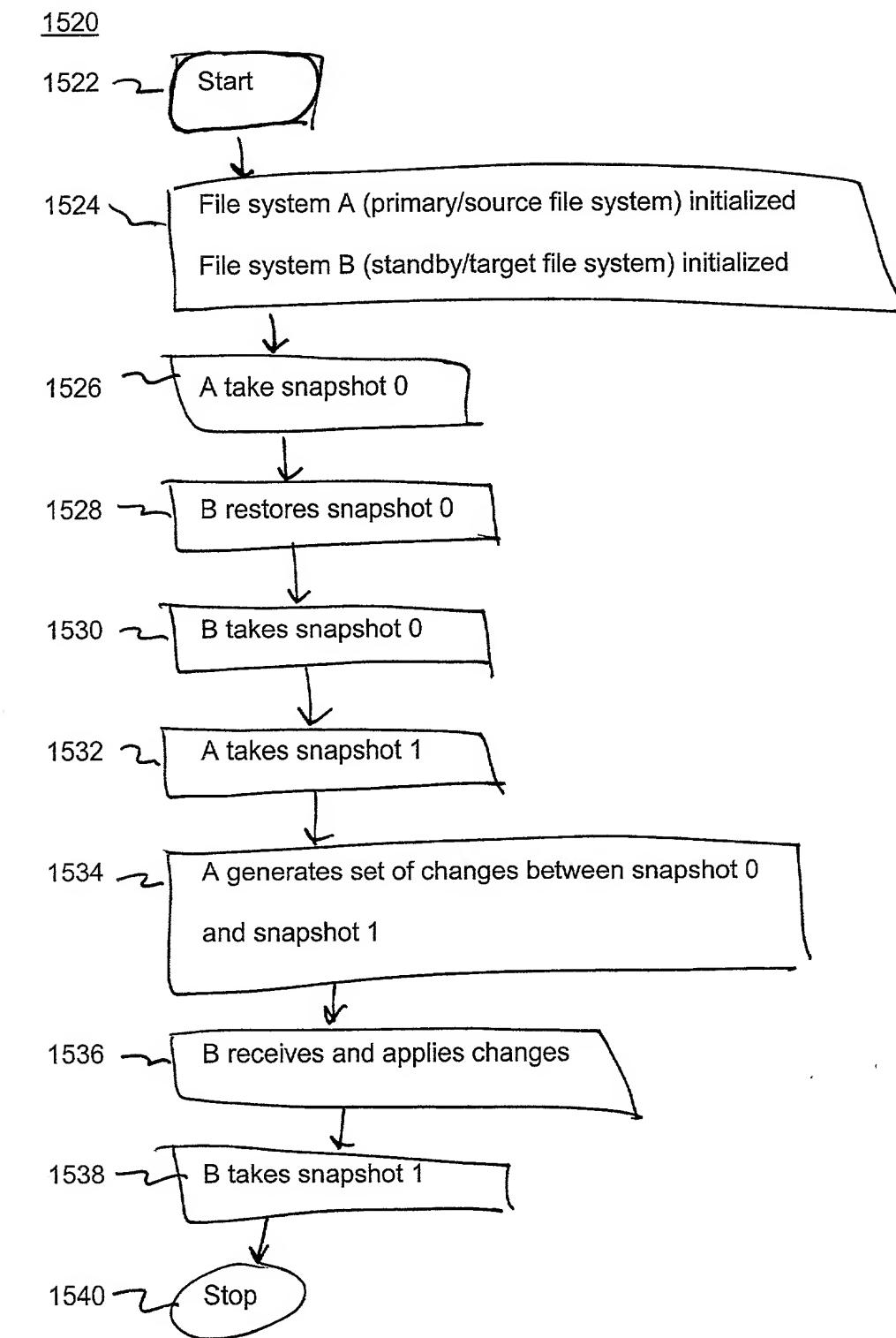


FIG. 15 B

1540

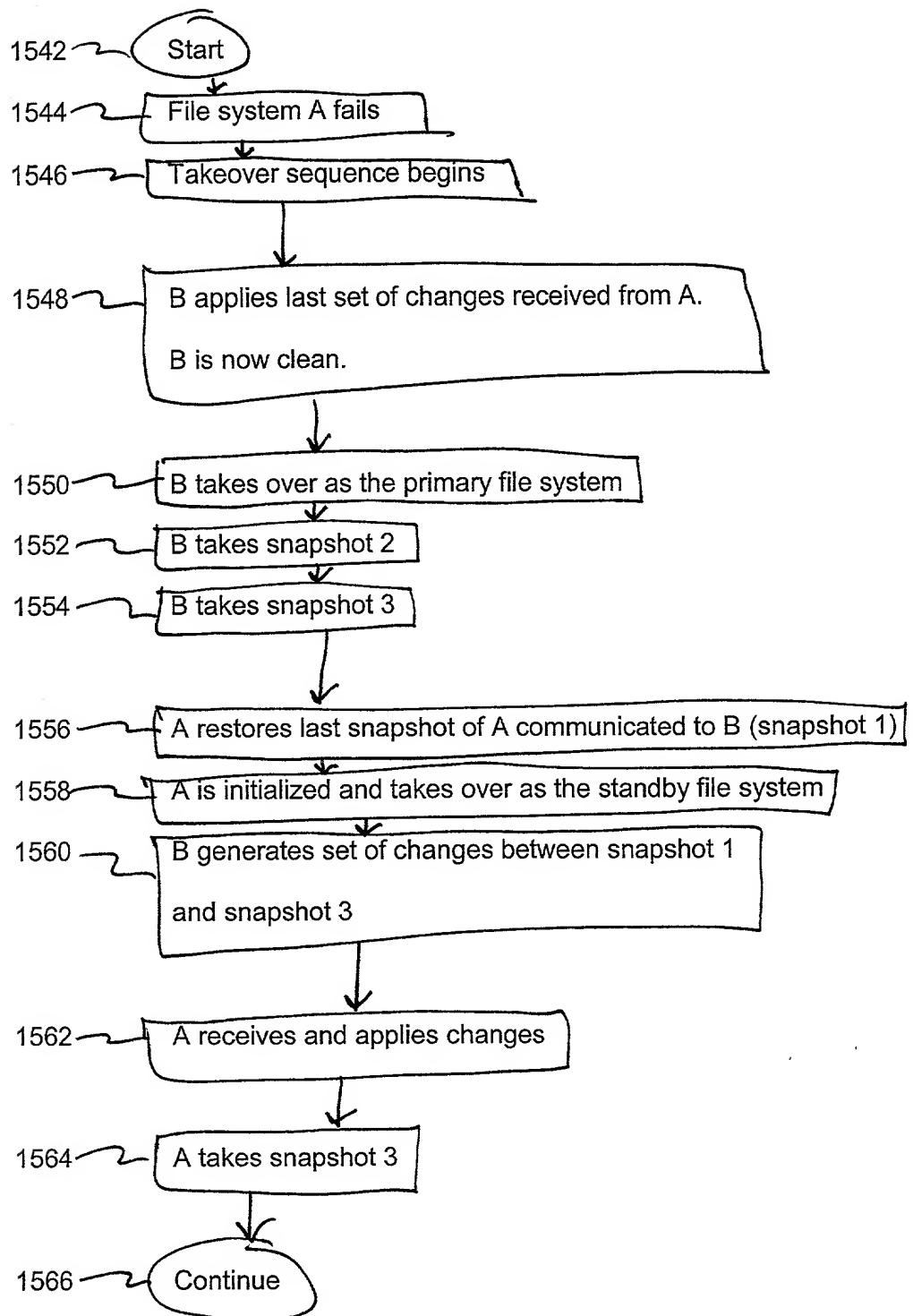


FIG. 15c

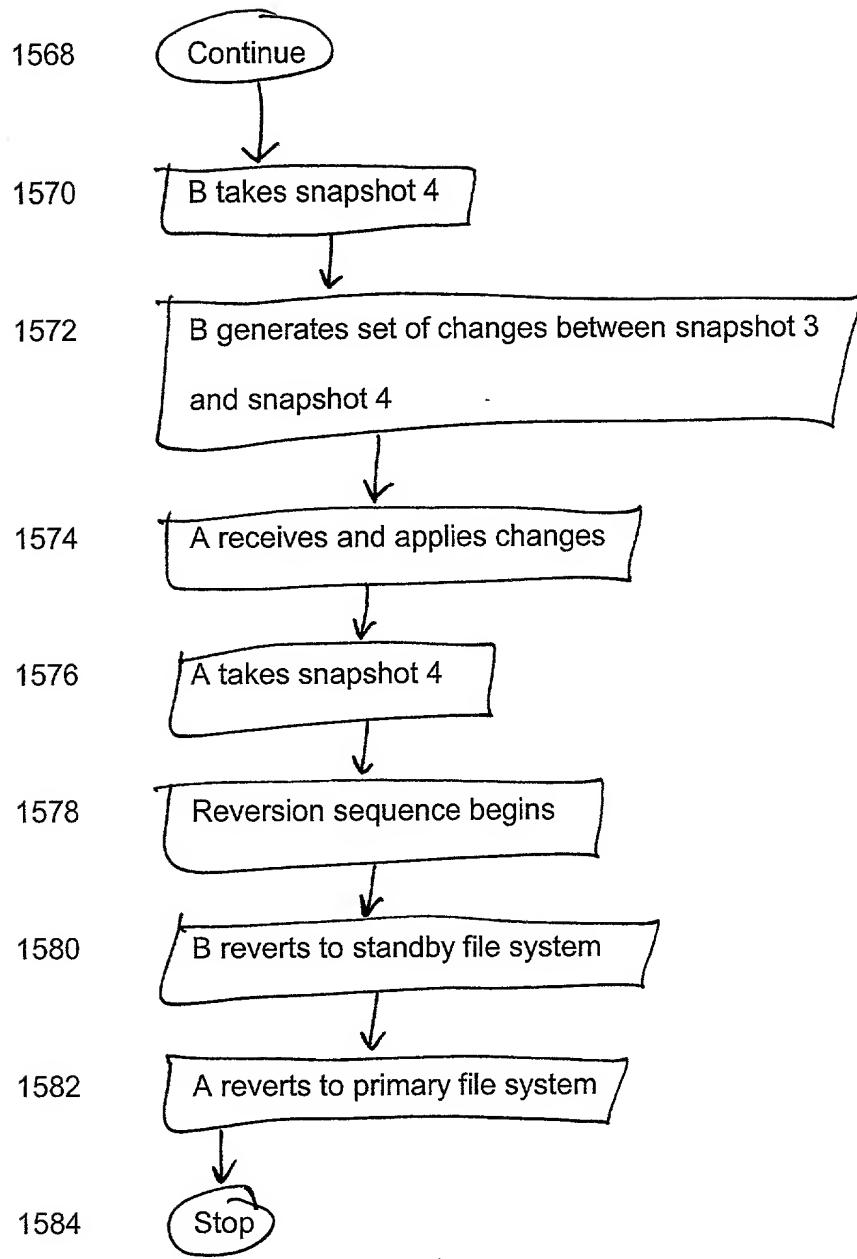
1590

FIG. 15 D

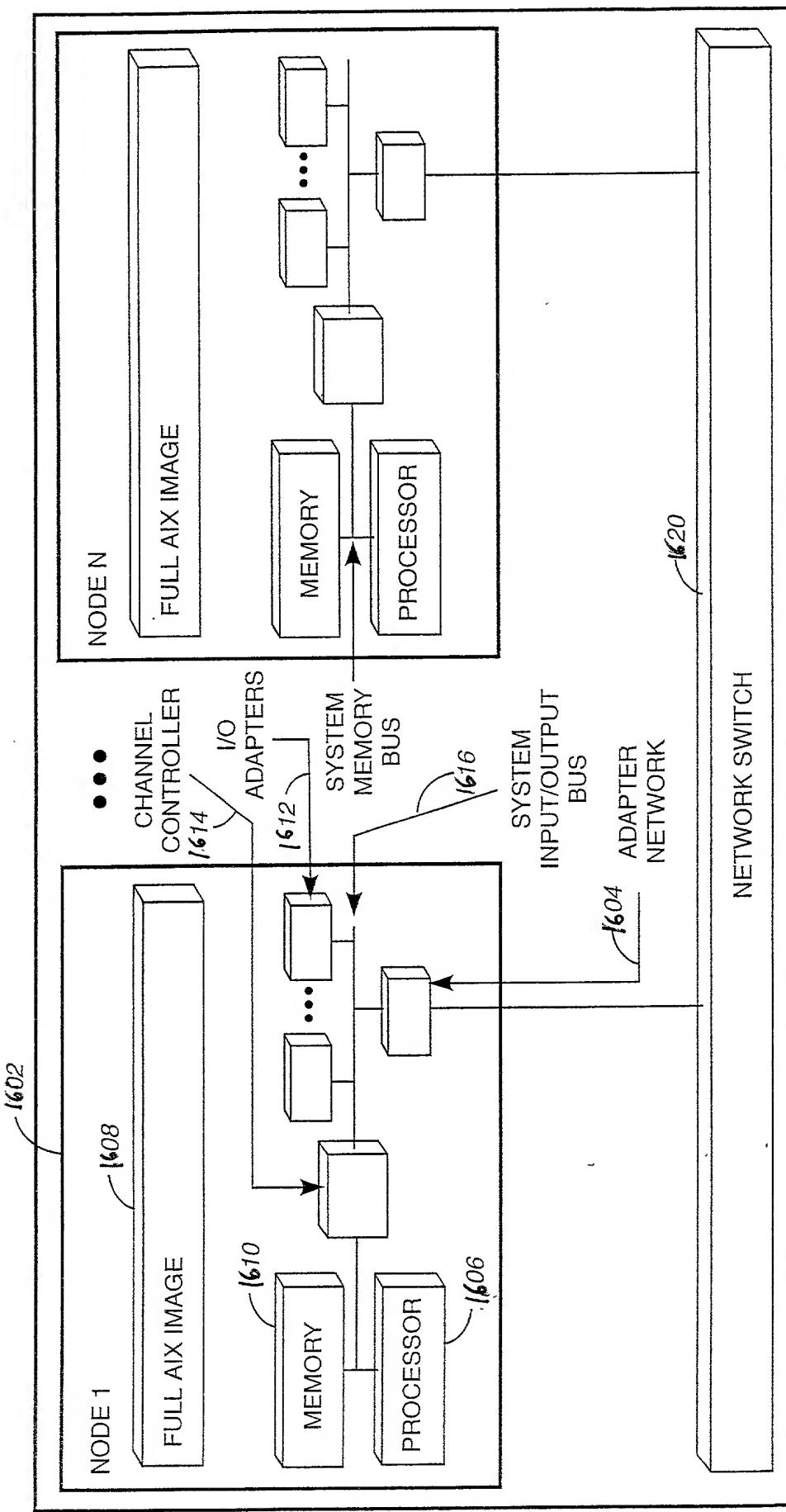


FIG. 16

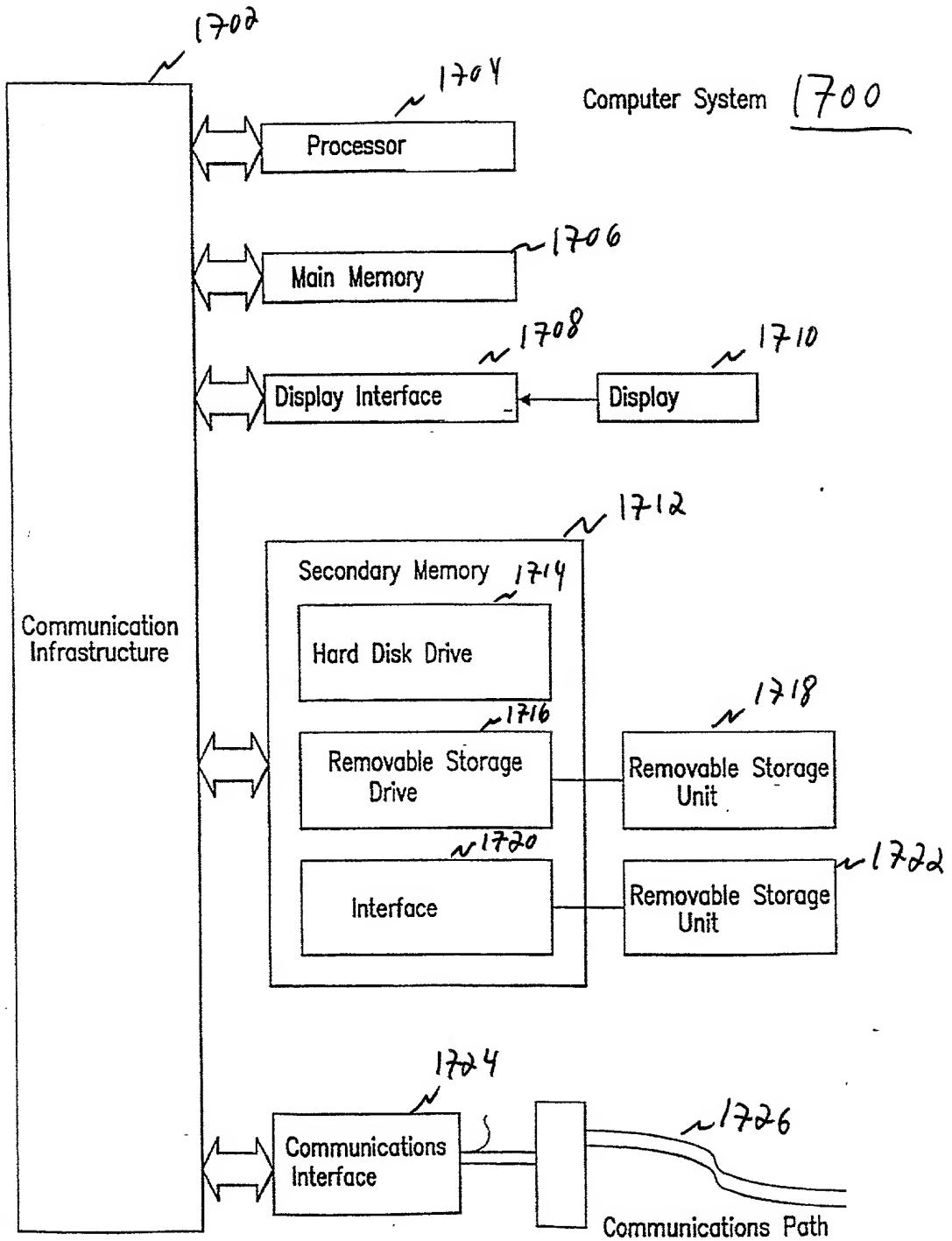


FIG. 17